

PIARTLI, Konstantin Petrovich; ROSENBERG, Naum Borisovich; MEKHNIAPAPA,
V.I., redaktor; POLITYUKO, S.R., tekhnicheskii redaktor.

[Countries of Africa; brief account of their economic and political
geography] Krainy Afryky; korotki vidomosti s ekonomichnoi i polity-
chnoi geografii. Kyiv. Derzh. uchbovo-pedagog. vyd-vo "Radiants'ka
shkola", 1955. 204 p. (MLRA 9:4)

(Africa--Geography)

PYARTLI, K.P.

ZAMORIY, P.K., professor; vidpovidal'nyy redaktor; MARINICH, O.M., dotsent, redaktor; MUKOMEL', I.F., dotsent, redaktor; MAZAROV, V.O., professor, redaktor; POGRIBNYAK, P.S., professor, redaktor; POPOV, V.P., professor, redaktor; PYARTLI, K.P., dotsent, redaktor

[Papers on the nature and agriculture of the Ukrainian Polesye]

Narysy pro pryrodu i sil's'ke hospodarstvo Ukrain's'koho Polissia.

[Kyiv] Vyd-vo Kyivs'koho derzh.univ.in, T.H.Shevchenka, 1955.

529 p.

(MLRA 10:7)

1. Kyev. Universitet.

(Polesye--Agriculture)

PIARTLI, Konstantin Petrovich; ROZENBERG, Naul Borisovich; YEROFYEV, I.A.,
red.; KOZLOVSKAYA, M.D., tekhn. red.

[Countries of Africa; concise manual of economic geography]
Strany Afriki; kratkoe spravochnoe posobie po ekonomicheskoi
geografii. Izd. 2-oe, perer. Moskva, Gos.pchebno-pedagog. izd-vo
M-va prosv. RSFSR, 1958. 213 p. (MIRA 11:6)
(Africa--Economic geography)

PYARTMAN, K.I., kand.tekhn.nauk

Ways for lowering power losses in electric networks. **Energetik**
8 no.6:5-7 Je '60. (MIRA 13:7)
(Electric power distribution)

RPYD SEK

POLAND/Meadow Cultivation. The Meadow.

K-1

Abs Jour: Referat Zh.-Biol., No 6, 1957, 22626

Author : Pyasek

Inst : 6

Title : Laying the Foundation of New Meadows and Pastures by Sod Layers.

Orig Pub: Nowe zolnictwo, 1955, 4, No 6, 45-52

Abstract: Artificial grass mixtures in Poland after 2-3 years become changed in composition and yield smaller crops, while natural vegetative combinations which are sustained by their rootstocks are very stable. A new method of laying foundations for meadows and pastures was developed: a layer of sod 3-5 cm thick is removed from the better sections of the natural pastures and is cut into pieces measuring 2-3 cm, which are manually laid at a distance nearly 50 cm from one another and rolled. To combat weeds this section is preliminarily seeded by an ordinary grass mixture, which is pro-

Card : 1/2

-2-

POLAND/Meadow Cultivation. The Meadow.

K-1

Abs Jour: Referat Zh.-Biol., No 6, 1957, 22626

ductive during the initial year but is later displaced by the developing sod. A test section planted in this manner in 1941 preserved its structure after 10 years and was stable as a pasture. The very same grasses, as, for instance, English rye grass and white clover, when planted by sodding behave differently than when sown by seeding.

Card : 2/2

-3-

EXCERPTA MEDICA Sec.6 Vol.10/10 Internal Medicine Oct56

6062. PYASETSKAYA A. R. and ATAKOVA E. E. "Sequels of infectious hepatitis (Russian text) KLIN. MED. (Mosk.) 1955, 33/5 (38-42) Graphs 1

In 40 patients observed in decreasing numbers from one month to 2.5 yr. after clinical cure only two were perfectly well while 14 had mild and 24 outspoken disturbances. The symptoms were gastrointestinal disturbances, pains in the right hypochondrium or epigastrium, an enlarged liver or less frequently an enlarged spleen, urobilinuria, hypocholesterolaemia, a positive Takata-Ara test or a decreased antitoxic function of the liver. The frequency of the residual symptoms and their duration was in direct proportion to the gravity of jaundice (bilirubinaemia) and its duration, but the outcome in cirrhosis is not dependent on the gravity of the initial attack.

Najman - Zagreb (XX, 6)

PIASETSKAYA, A.R.; LIKHACHEV, Yu.P. (Moskva)

Cardiovascular disorders in **Marfan's** disease. Terap.arkh. no.6:
108-111 '62. (MIRA 15:9)

1. Iz terapevticheskogo i patologoanatomicheskogo otdeleniy
gorodskoy bol'nitsy No.29 (glavnyy vrach N.G. Orlov).
(ARACHNODACTYLY) (CARDIOVASCULAR SYSTEM--DISEASES)

PYASETSKAYA, A.R.; ATAKOVA, Ye.Ye. (Moskva)

Results of late observations of convalescents from Botkin's disease.
Klin.med. 33 no.8:38-42 Ag '55 (MLRA 8:11)

1. Iz ob"edinennoy bol'nitsy imeni Baumana (glavnyy vrach N.G.Orlov)
(HEPATITIS, INFECTIOUS,
sequelae)

ПЯСЕЦКАЯ, Г.

85-58-5-22-38

AUTHOR: Pyasetskaya, G., Judge in All-Union Category [Competitions]

TITLE: Mixed Group Parachute Jump (Grupповой kombinirovanny
прыжок)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 5, p 16 (USSR)

ABSTRACT: The author describes mixed group parachute jumping, as
scheduled for the All-Union Komsomol Spartacus Games.

AVAILABLE: Library of Congress

Card 1/1 1. Aviation - USSR 2. Parachute jumping

PIASETSKAYA, G. zasluzhenny master sporta

Reflecting on the results. Kryl rod. 15 no.10:4-5 0 '64
(MIRA 18:1)

PIASETSKIYA, G., zaslužennyy master sporta

Students compete. Kryl. rod. 16 no. 12:8-9 D '65.

(MIRA 18:12)

Pyasetskaya, G.

AID P - 4467

Subject : USSR/Aeronautics - Parachutes

Card 1/1 Pub. 58 - 4/10

Author : Pyasetskaya, G., Honored Master of Sports

Title : Parachute Competitions by Correspondence

Periodical : Kryl. rod., 2, 7-8, F 1956

Abstract : An account of the IIIrd (1955) Parachute Competitions by Correspondence organized by the DOSAAF for local aeroclubs of the USSR. The program and the conditions of the competitions are outlined, the results indicated, and the achievements of various clubs analyzed. One photo.

Institution : None

Submitted : No date

PYASETSKAYA, G., zasluzhenny master sparta.

Parachutists' competition by correspondence. Kryl.rod.7 no.2:

7-8 P '56.

(MIRA 9:6)

(Parachutists--Competitions)

PYASNETSKAYA, G., sud'ya vsesoyuznoy kategorii.

Judging delayed parachute jumps. Kryl. rod. 8 no.7:8-10 J1 '57.
(Parachutists) (MLRA 10:9)

PYASETSKAYA, G., заслуженный мастер спорта.

Victory of Dnepropetrovsk parachutists. Kryl.rod.7 no.11:6-7
N '56. (MIRA 10:1)

(Parachutists--Competitions)

STASEVICH, Rostislav Andreyevich, kand.tekhn.nauk, master sporta; ZHORNIK, Dmitriy Trofimovich, master sporta; LUSHNIKOV, Kazimir Vasil'yevich, master sporta; PYASETSKAYA, Galina Bogdanovna, sasluzhennyy master sporta; STORCHIYENKO, P.A., sasluzhennyy master sporta; GRIGOR'YEVA, A.I., red.; KARYAKINA, M.S., tekhn.red.

[Theory and practice of training parachutists] Teoriya i praktika parashyutnoi podgotovki. Pod obshchei red. R.A.Stasevicha. Moskva, Izd-vo DOSAAF, 1958. 327 p. (MIRA 12:6)
(Parachuting)

PYASETSKAYA, G., zasluzhenny master sporta.

Record jumps by Soviet parachutists in 1954. Kryl.rod.6 no.1:
14-16 Ja '55. (MIRA 8:3)
(Parachutists)

PETROV, B.; LOBANOV, N.; BELOUSOV, A.; ~~RYASETSKAYA, G.~~ redaktor; ZHORNIK, D., redaktor; GRIGOR'YEVA, A., redaktor; ~~LOSHNIKOV, K.~~ redaktor; KARYAKINA, M., tekhnicheskii redaktor.

[Parachutist's training] Podgotovka parashiotista. Moskva, Izd-vo DOSAAF, 1954. 279 p. (MLRA 8:1)
(Parachutists)

PYASETSKAYA, G., sud'ya vsesoyuznoy kategorii.

Group jumping en masse. Kryn. rod. 9 no.5:16 My '58. (MIRA 11:6)
(Parachutists)

PIASSETSKAYA, T.

AID - P-139

Subject : USSR/Aeronautics
Card : 1/1
Authors : Il'chebko, V., Pyasetskaya, G., Forostenko, Ya.,
Masters of Sport
Title : Should the Central Aeroclub be Like That?
Periodical : Kryl. Rod., 1, 8 - 9, Ja 54
Abstract : Letter to the editor suggesting some changes in the
organization of the Central Aeroclub. The readers
are invited to discuss the matter.
Institution : None
Submitted : No date

PYASETSKAYA, G.

AID P - 1008

Subject : USSR/Aeronautics

Card 1/1 Pub. 58 - 9/16

Author : Pyasetskaya, G., Master of Sport

Title : Records of Soviet parachutists in 1954

Periodical : Kryl. rod., 1, 14-16, Ja 1955

Abstract : Names of parachutists and data of established records are given. Photos.

Institutions: All-Union Voluntary Society for the Promotion of the Army, Aviation and the Navy (DOSAAF) and Central Aeroclubs of various People's Republics of the USSR are mentioned.

Submitted : No date

AID P - 5310

Subject : USSR/Aeronautics - Parachutism
Card 1/1 Pub. 58 - 4/15
Author : Pyasetskaya, G., Honored Master of Sports
Title : Those from Dnepropetrovsk have won
Periodical : Kryl. rod., 11, 6-7, # 1956
Abstract : A detailed account of the IVth DOSAAF Competitions-by-Correspondence in Parachutism. Results achieved by the teams of various aeroclubs are discussed, and changes in the terms of the competitions and in their program are proposed. 1 photo.
Institution : None
Submitted : No date

PYASETSKAYA, G., zasluzhenny master sporta

Review of parachutists. Kryl.rod. 12 no.10:9-11 0 '61.
(MIRA 15:2)

(Vladimir--Parachuting)

PYASETSKAYA, G., saslushennyy master sporta.

Jumps with delayed opening of the parachute. Kryl.rod. 4 no.9:13-14 S '53.
(MLRA 6:8)
(Parachutes)

PYASETSKAYA, G.

New names. Kryl. rod. 16 no.10:6-7 0 '65.

(MIRA 18:12)

1. PYASETSKAYA, Galina; RATSENSKAYA, Margarita
2. USSR (600)
4. Women as Soldiers
7. Women activists of the All-Union Volunteer Society for Assistance to the Army, Aviation and Navy. Rabotnitsa 31, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953. Unclassified.

IMAYNIN, E.I.; PYASETSKAYA, I.I.

Spectral determination of indium and germanium in concentrates of the lead-zinc industry. Zhur. anal. khim. 20 no.9:1014-1016 '65. (MIRA 18:9)

1. Gosudarstvennyy institut po proyektirovaniyu i issledovaniyu vzyvobezopasnogo elektrooborudovaniya, Donetsk.

L 12034-66

ACC NR: AF5024144

EWI(m)/EWP(t)/EWP(b)

IJP(c)

JD

SOURCE CODE: UR/0075/68/020/009/1014/1016

AUTHOR: braynin, E. I.; Pyasetskaya, L. I.

ORG: State Institute for Design and Research of Explosion-Proof Electroequipment,
Donetsk (Gosudarstvennyy institut po proyektirovaniyu i issledovaniyu varyvo-
bezopasnogo elektrooborudovaniya)

TITLE: Spectral determination of indium and germanium in lead-zinc concentrates

SOURCE: Zhurnal analiticheskoy khimii, v. 20, no. 9, 1965, 1014-1016

TOPIC TAGS: spectrographic analysis, lead compound, zinc compound, indium, germanium

ABSTRACT: The lead-zinc concentrates (Pb 2-35% and Zn 5-28) contained (in %) Cu 1, Cd 0.5, Fe 5-10, As up to 5, Sb 1, Cl up to 1, In and Ge 0.002-0.05; each, and traces of Ag and Au. A method was developed for the simultaneous spectral determination of In and Ge in the range of 16 ppm-0.1%, using a single set of standards. The standards and samples were diluted with a buffer mixture, consisting of 52.6% NaCl (for stabilization of arc temperature), 7% $\text{Bi}_2\text{O}_3\text{CO}_3$ (Bi was used as a compari-

1/2

UDC: 543.42

PYASETSKAYA, O.V.; VENDROVSKIY, K.V.

Effect of the density of the photographic layer darkening on the
photometric equivalent. Zhur.nauch.i prikl.fot.i kin. 7
no.5:392-393 S-0 '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI).
(Photography--Developing and developers)

BEKUNOV, V.A.; VENDROVSKIY, K.V.; PYASETSKAYA, O.V.

Relationship between the sensitivity of the photographic layer
and the average size of the emulsion grains. Trudy NIKFI no.51:
5-9 '62. (MIRA 16:12)

PYASETSKAYA, O. V., KARTUZHANSKIY, A. L., VENDROVSKIY, K. V.

"On the photometric equivalence of the blackening caused by the influence of light and corpuscular rays"

Fourth International Colloquium on Photography (Corpuscular) - Munich, West Germany, 3-8 Sep 62

VENDROVSKIY, K.V.; KARTUZHANSKIY, A.L.; PYASETSKAYA, O.V.

Dependence of the photometric equivalent upon the nature of the radiation acting on the photographic layer and upon the conditions of exposure. Zhur.nauch.i prikl.fot.i kin. 8 no.1:67-69 (MIRA 16:2)
Ja-F '63.

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI) i Leningradskiy institut sovetskoy trgovli imeni F.Engel'sa.

(Photographic sensitometry)

PYASETSKAYA, O.V.; VENDROVSKIY, K.V.

Dependence of the photometric equivalent on the average size of undeveloped emulsion grains. Zhur.nauch. i prikl.fot i kin. 5 no.5: 368-369 S-O '60. (MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy kino-fotoinstitut (NIKFI). (Photographic emulsions)

1/12/55
RUTSHTEYN, M.D.; PYASHTSKAYA, Ts.S.

Aerogenic *Escherichia coli* in potable water at various states of purification. Zhur.mikrobiol.epid. i immun. no.9:97-98 S '55.
(MLRA 8:11)

1. Iz laboratorii Stalinskoy vodoprovodnoy stantsii Mosvki.

(WATER SUPPLY, bacteriology,

E.coli, aerogenic strains in various states of purification)

(*ESCHERICHIA COLI*,

aerogenic strains, in potable water in various stages of purification)

PYASETSKAYA, V.S.; GUREVICH, I.S.

For high quality and durability of machinery. Mashinstroitel'
no.6:46 Je '62. (MIRA 16:5)
(Kolomna--Diesel locomotives)

FERDINAND, Ya.M.; MEDYUKHA, G.A.; KUCHERENKO, R.A.; DUNCHENKO, Ye.P.
STROKOVA, Ye.I.; SHCHEGLOVA, L.A.; PYASETSKAYA, Ye.A.;
DEMENT'YEVA, A.I.; ZOLINA, L.T.

Epidemiological effectiveness of the systematic use of the typhoid
bacteriophage for chronic bacterial carriers. Sov. med. 24
no. 5:128-130 My '60. (MIRA 13:10)

1. Iz Rostovskogo-na-Donu instituta epidemiologii, mikrobiologii
i gigiyeny.

(TYPHOID FEVER) (BACTERIOPHAGE)

SHEVCHENKO. L.F.; PYASETSKAYA, Ye.N.; GORBACH, G.I.; SHUL'GA, O.Ye.

Study of outbreaks of epidemic hepatitis in two villages of Chernogov
Province. Zhur.mikrobiol.,epid.i immun. 40 no.12:114 D '63.

(MIRA 17:12)

1. Iz Kiyevskogo instituta epidemiologii i mikrobiologii i Chernigov-
skoy oblastnoy sanitarno-epidemiologicheskoy stantsii.

Pyasetskaya, YE. N., and Terekhov, S. N.

Epidemics of grippe on the Ukraine in 1957. (i 8)

Materialy nauchnykh konferentsii, Kiev, 1959. 286pp
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

Pyasetskaya, E.N., Birkovskiy, YU. E., Yaskchenko, K.V., Kolesnikova, N.I.

Epidemics of winter dysentery in the region of Kiev City. 66

Materialy nauchnykh konferentsii, Kiev, 1959, 288pp
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

PYASKOVSKAYA--FESENKOVA, Ye.V.

Luminosity distribution on clear day sky. Izv.Astrofiz.
inst.AN Kazakh.SSR 2:103-130 '56. (MIRA 15:9)
(Sky, Color of)

DAVIDYANTS, V.T., gornyy inzh.; PYASETSKIY, A.N., gornyy inzh.

Some problems in increasing the effectiveness of the use of
steel supports. Ugol' Ukr. 4 no.2:5-6 P '60.

(MIRA 13:6)

(Mine timbering)

PYASETSKIY, A.N.

Further technological development in Donets-Basin mines. Bezop.truda
v prom. 3 no.8:3-4 Ag '59. (MIRA 12:11)

1. Nachal'nik proizvodstvenno-tekhnicheskogo otdela Stalinskogo sov-
narkhoza.

(Donets Basin--Coal mines and mining)

PYASETSKIY, A.N. ; KUKLIN, B.K.

Main condition for a more effective over-all mechanization and automatization is the adoption of advanced mining systems. Ugol' Ukr. 4 no.9:4-7 S '60. (MIRA 13:10)

1. Nachal'nik proizvodstvenno-tekhnicheskogo otdela Stalinskogo sovmarkhosa (for Pyasetakiy). 2. Nachal'nik sektora Donetskogo ugol'nogo instituta (for Kuklin).
(Stalino Province--Coal mines and mining)

OSIPOV, S.N. [Osypov, S.M.]; FIASETSKIY, B.P. [Fiasets'kyi, B.P.]

Distribution of gas pressure around an unbroken barred surface
of a coal seam with variable gas permeability in time and space.
Dop. AN URSR no.7:879-883 '65. (MIRA 18:8)

1. TSentral'naya nauchno-issledovatel'skaya laboratoriya
gornospasatel'nogo dela.

OSIPOV, S.N. [Osypov, S.M.]; PYASETSKIY, B.P. [Piasets'kyi, B.P.]

Liberation of methane from the exposed surface of a coal seam
having a variable gas permeability in time and space. Dop. AN
URSR no.8:1053-1055 '65. (MIRA 18:8)

1. TSentral'naya nauchno-issledovatel'skaya laboratoriya gorno-
rudnogo dela.

PYASETSKIY, G.Ya. (Moskva)

Marine transport as a basic link of the consolidated transportation network of the U.S.S.R. Izv. AN SSSR, Energ, i transp. no.5:587-590 S-0 '63. (MIRA 16:11)

PIASETSKIY, Georgiy Yakovlevich; ZENEVICH, G.B., redaktor; LAVRENOVA, N.B.,
~~tekhnicheskii redaktor~~

[Improving the supply of material and equipment in the Ministry of
the Navy] K voprosu ob uluchshenii material'no-tekhnicheskogo
snabzheniia v sisteme Ministerstva morskogo flota. Moskva, Izd-vo
"Morskoi transport," 1957. 46 p. (MIRA 10:7)
(Russia--Navy)

PYASETSKIY, I.I. [P'iassets'kyi, I.I.]

Study of graphite formation on the surface of Fe - C alloys during thermal treatment in a vacuum [with summary in English]. Dop. AN USSR no.2:139-143 '58. (MIRA 11:5)

1.Dnipropetrovs'kiy derzhavniy universitet. Predstavleno akademikom AN USSR V.N. Svechnikovym [V.M. Svechnikovym]. (Iron-carbon alloys)

PYASETSKIY, M.I. (Kiyev)

Determination of central occlusion using solid plaster blocks.
Probl.stom. 6:272-274 '62. (MIRA 16:3)
(DENTAL PROSTHESIS) (PLASTER CASTS, DENTAL)

PYASETSKIY, M.I., aspirant

Case of prosthesis of maxillary micrognathia. Stomatologia 41
no.4:93 J1-Ag '62. (MIRA 15:9)

1. Iz kafedry ortopedicheskoy stomatologii (zav. - prof. A.I.
Betel'man) Kiyevskogo meditsinskogo instituta.
(MICROGNATHIA) (DENTAL PROSTHESIS)

PYASETSKIY, N.R., kand.med. nauk (Moskva)

Successes in modern therapy of diabetes mellitus. Med. sestra
22 no.9:21-24 S'63. (MIRA 16:10)
(DIABETES)

PYASETSKIY, Nikolay Rafailovich; STOYANOV, B.G., redaktor; SACHENWA, A.I
tekhnicheskiy redaktor.

[Diabetes] Sakharная bolezni'. 3-e perer. i dop.isd.Moskva, Gos.
isd-vo med.lit-ry, 1955. 53 p. (MLRA 8:9)
(Diabetes)

PYASETSKII, S.P.

25712

Electromashinnyi regulyator s kriticheskimi samovosbuzhdeniem. Elektricheskoe, 1949, No. 8, s. 10-15.

SO: LETOPIS' No. 34

AUTHOR: Pyasetskiy, I. I. SOV/21-58-2-6/28

TITLE: Investigation of the Process of Graphite Segregation on the Surface of Fe - C Alloys on Thermal Treatment in Vacuum
(Issledovaniye protsessa vydeleniya grafita na poverkhnosti Fe - C -splavov pri termo_obraботke v vakuume)

PERIODICAL: Dopovidi Akademii nauk Ukrain's'koi RSR, 1958, Nr 2, pp 139-143 (USSR)

ABSTRACT: The process of formation of graphite in Fe - C alloys can proceed in two quite different ways: 1) by dissolving the cementite in the solid solution and bringing carbon atoms to graphite centers by diffusion, and 2) by carbon segregation from the supersaturated solution (liquid or solid). In the first case, graphite is called annealing carbon, and in the second case, graphite of segregation. It is assumed that the segregation graphite plays an important part in the subsequent annealing. In order to test this, the author investigated the process of graphite formation on the surface of Fe - C alloys on thermal treatment in vacuum. The results of this investigation, carried out over a wide range of carbon concentration, are presented in this paper. The behavior of pre-eutectic white iron surfaces in crystallization, cooling and isothermal holding was also studied. It is shown that in all cases of thermal treatment in a

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SOV/21-58-2-6/21

Investigation of the Process of Graphite Segregation on the Surface of
Fe - C Alloys on Thermal Treatment in Vacuum

vacuum the process of graphite formation on the surface proceeds at a considerably greater rate than in the solid matrix. It is assumed therefore that numerous microscopic defects (pores, fissures, etc) play an important part in the formation of graphitization centers. There are 4 photos and 5 Soviet references.

ASSOCIATION: Dnepropetrovskiy gosudarstvennyy universitet (Dnepropetrovsk State University)

PRESENTED: By Member of the AS UkrSSR, V.N. Svechnikov

SUBMITTED: April 18, 1957

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

Card 2/2

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343720007-4

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343720007-4"

SALLI, I.V.; PYASETSKIY, I.I.

Graphitisation of low-carbon steels. Fiz.met. i metalloved 3
no.3:513-515 '56. (MLRA 10:3)

1. Dnepropetrovskiy gosudarstvennyy universitet.
(Steel-Metallography)

PYASETSKIY, I.I.; SAILI, I.V.

Furnace designed for the study of alloy structures by vacuum heat treatment. Zav.lab. 21 no.2:243 '55. (MIRA 8:6)

1. Dnepropetrovskiy gosudarstvennyy universitet.
(Metallurgical furnaces) (Physical metallurgy)

PYASETSKIY, N.P., kand.meditsinskikh nauk (Moskva)

New methods in the treatment of diabetes mellitus [with summary in English, p.126]. Probl.endok. i gorm. 3 no.2:82-90 Mr-Ap '57.

(MIRA 10:10)

1. Iz kliniki Vsesoyuznogo instituta eksperimental'noy endokrinologii
(dir. - prof. Ye.A.Vasyukova)
(DIABETES MELLITUS, ther. (Rus))

PYASETSKIY, N.R.

Simple and rapid methods for the determination of sugar and acetone
in urine. Probl. endok. i gorm. 6 no. 3:88-82 My-Je '60.

(MIRA 14:1)

(URINE—ANALYSIS AND CHEMISTRY) (ACETONE)
(CARBOHYDRATES IN THE BODY)

VASYUKOVA, Ye.A., prof.; VASIL'YEVA, A.G., starshiy nauchnyy sotrudnik;
PYASETSKIY, N.R., starshiy nauchnyy sotrudnik (Moskva)

Cardiovascular disorders in the Itsenko-Cushing disease. Probl.
endok.i gorm. 5 no.6:63-76 N-D '59. (MIRA 13:5)

1. Iz kliniki Vsesoyuznogo instituta eksperimental'noy endokrino-
logii (dir. - prof. Ye.A. Vasyukova).
(CUSHING SYNDROME compl.)
(CARDIOVASCULAR DISEASES etiol.)

PYASETSKIY, M.R., kandidat meditsinskikh nauk

Diabetes mellitus. Zdorov'e 2 no.10:28-29 0 '56.
(DIABETES)

(MIRA 9:11)

transferrin, R. R.

Diabetes and its therapy. Moskva, Medgiz, 1950. 34 p.

PYASETSKIY, P.K.; LYKOV, A.N.; KOLODEZH, A.Z.

Direct-current transfer trucks equipped with bracket platforms.
Rats. i izobr. predl. v stroi. no.5:48-50 '58. (MIRA 11:6)

1. Nachal'nik proizvodstvenno-tekhnicheskogo otdela Beskudnikovskogo kirpichnogo zavoda No.2, stantsiya Beskudnikovo, Krasnopolynakskiy rayon Moskovskoy oblasti (for Pyasetskiy). 2. Glavnyy mekhanik Beskudnikovskogo kirpichnogo zavoda No.2, stantsiya Beskudnikovo, Krasnopolynanskiy rayon Moskovskoy oblasti (for Lykov). 3. Glavnyy energetik Beskudnikovskogo kirpichnogo zavoda No.2, stantsiya Beskudnikovo, Krasnopolynanskiy rayon Moskovskoy oblasti (for Kolodezh).
(Brickmaking) (Conveying machinery)

S/035/62/000/001/022/038
A001/A101

AUTHOR: Pyasetskiy, S. A.

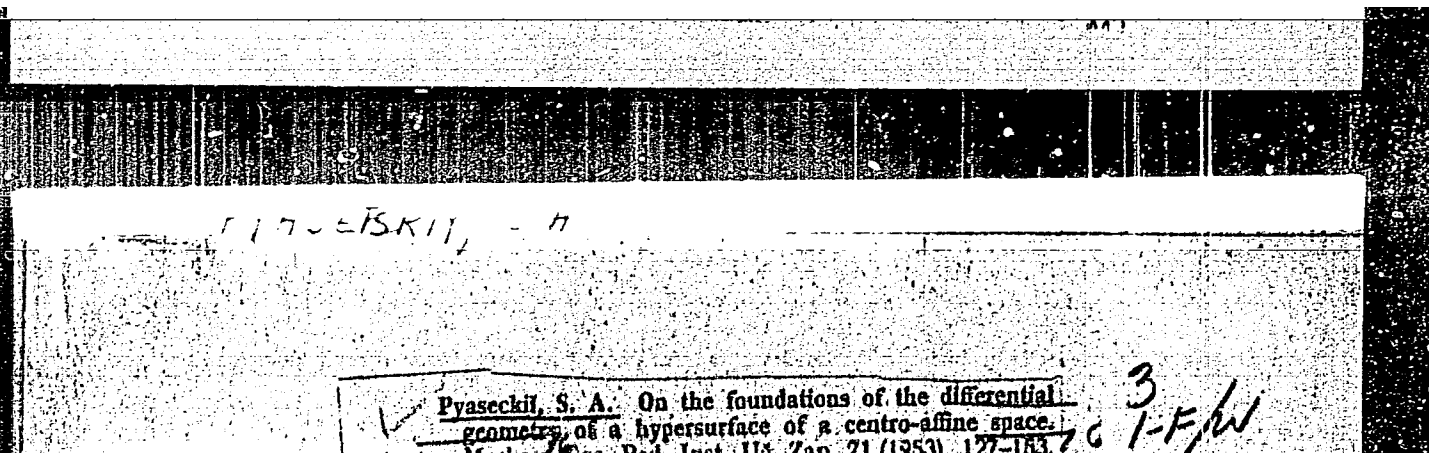
TITLE: On one geodetic problem in the course of analytical geometry

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 1, 1962, 17,
abstract IG114 ("Uch. zap. Mordovsk. un-t", 1960, no. 8, 87-94)

TEXT: The author derives the formula for the area of a convex n-polygon
whose side lengths and inner angles are given; he made use of the vector product
of two vectors.

[Abstracter's note: Complete translation]

Card 1/1



with

$$\Lambda_{ik}^j = (-1)^i V^{-1} (r_{ik} r_{j1} \cdots r_{i-1} r_{i+1} \cdots r_n),$$

$$a_{ik} = V^{-1} (r_{ik} r_1 \cdots r_n), \quad V = (r_1 r_3 \cdots r_n) \neq 0.$$

If Λ_{ik}^m is the curvature tensor belonging to Λ_{ik}^α , then $\Lambda_{ik}^m = a_{ik} \delta^m_{ij}$, $a_{ik} \delta^m_{ij} = 0$, when $r_{ik} = a_{ik} r$. Another method starts with $b_{ik} = (r_{ik} r_1 \cdots r_n) / (r_1 r_3 \cdots r_n)$ as basic tensor for the Christoffel symbols in

$$r_{i,k} = r_{ik} - \left\{ \begin{matrix} \alpha \\ ik \end{matrix} \right\} r_\alpha = H_{ik}^\alpha r_\alpha + H_{ik} r, \quad H_{ik} = b_{ik}.$$

PYASECKII, S. A.

It is shown how affine and equiaffine surface invariants can be obtained from centro-affine ones and how an affine-invariant rigging can be obtained. Applications are made to affine "hyperspheres" (proper or improper depending on the nature of the intersection of the affine normals) and to the centro-affine characterization of hyperquadrics.

D. J. Struik (Cambridge, Mass.)

3
1-F/W

4/2

Struik
MT

PYASETSKIY, S. R.

25712. Elektromashinnyy Regulyators Kriticheskim Samovozbuzhdeniem. Elektrichestvo, 1949, No. 8, S. 10-15.

SO: Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

PYASETSKIY, S. R.

51

66/49736

users/engineering - Generators,
Amplidyne
Servomechanisms

5-11

"An Amplidyne Regulator With Critical Self-Excitation," S. R. Pyasetkiy, Cand Tech Sci, Moscow, 6 pp

"Elektrichestvo" No 8

Analyzes an electric-machine regulator with critical self-excitation (a normal D generator in which the resistance of the excitation circuit is equal to the critical value). Gives theoretical data for no-load conditions and for operation in a Leonard system. Shows that this

Aug 49
DEER/Engineering - Generators,
Asplidyno (Contd)

generator is astatic, and will stable voltage only with a feedback circuit. Points out applications to servomechanisms.

BARANOV, N.A.; PYASETSKIY, V.V.

Machine for testing the fatigue strength of girder units. Zav. lab.
27 no. 4:466-467 '61. (MIRA 14:4)

1. Leningradskiy zavod pod'yemno-transportnogo oborudovaniya i
Leningradskiy politekhnicheskiy institut.
(Fatigue testing machines)

AUTHOR: none

TITLE: Authors' abstracts of dissertations

SOURCE: Vestnik mashinostroyeniya, no. 9, 1964, 86-87

TOPIC TAGS: crane, bearing, surface hardening, polish, gear

ABSTRACT: V. V. Pyasetskiy: Investigation of unbraced crane booms; Leningradskiy politekhnicheskii institut imeni M. I. Kalinina (Leningrad Polytechnic Institute). This is a study of a method for approximation computation of unbraced crane booms with transverse load. Results are given for investigation of fatigue at the site where boom and post join, and the effective concentration factors are provided. L. V. Baskakov: Investigation of possible increase in life of bearings by mechanical surface hardening of the rings; Saratovskiy politekhnicheskii institut (Saratov Polytechnic Institute). This is a study of the surface layer of the bearings.

PYASETSKIY, V.V.

Determining the coefficient of meshing of a spiked bit of an
anticreep rail catch with the rail. Nauch.-tekhn.inform.biul.
LPI no.11:40-43 '58. (MIRA 12:11)
(Cranes, derricks, etc.--Brakes)

PYASIK, A.N., veterinarnyy vrach

Vibronic abortion of cattle in Lugansk Province. Veterinariia 41
no.3:80-82 Mr '65. (MIRA 18.4)

1. Luganskaya oblastnaya veterinarnaya laboratoriya.

FIRSTOV, Aleksey Nikolayevich; SMIRNOV, Fedor Ivanovich; BUDYLIN,
Mikhail Mikhaylovich; ANPILOGOV, R.I., inzh., retsenzent;
PYASIK, I.B., inzh., red.; FURER, P.Ya., red.

[Mechanization of casting in shell molds] Mekhanizatsiia
lit'ia v obolochkovye formy. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit.lit-ry, 1960. 174 p. (MIRA 13:7)
(Founding--Equipment and supplies)

PYASIK, Iosif Borisovich; TURPAYEV, A.I., kand. tekhn.nauk, retsenzent;
~~GOLUB, V.M., inzh., red.~~; BYKOVSKIY, A.I., inzh., red.;
GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Ball-screw mechanisms] Sharikovintovye mekhanizmy. Moskva,
Mashgiz, 1962. 122 p. (MIRA 15:3)
(Gearing, Worm) (Ball bearings)

PYASKOVSKAYA, A. P.

36972. ATLAS, YA. YE. i PYASKOVSKAYA, A. P. K Voprosu o Drosnshovykh Onikhiyakh i Paronikhiyakh u Detei. Uchen. Zapiski (L'vovsk. Nauch.-issled. K shno-venerol. In-t), t. II, 1949, c. 101-03

SO: Letopis' Zhurnal'nykh Statey, Vol 50, Moskva, 1949

STOLMAKOVA, A.I.
STOLMAKOVA, A.I., professor; PYASKOVSKAYA, A.P.

Staphylococcal food poisoning due to unsatisfactory living conditions.
Vrach.delo no.8:849-851 Ag '57. (MLRA 10:8)

1. Kafedra obshchey gigiyeny (zav. - prof. V.Z.Martynuk) L'vovskogo
meditsinskogo instituta i L'vovskaya gorodskaya sanitarno-bakterio-
logicheskaya laboratoriya (zav. - P.L.Boldyrev)
(FOOD POISONING) (STAPHYLOCOCCUS)

1771 SKOVSKAYA, Y. V.

AUTHOR: None given

30-12-32/45

TITLE: Defense of Dissertations (Zashchita dissertatsii)
(January - July 1957) (Yanvar' - iyul' 1957 g.)
Section of Physical-Mathematical Sciences
(Otdeleniye fiziko-matematicheskikh nauk)

PERIODICAL: Vestnik AN SSSR, 1957, Vol. 27, Nr 12, pp. 108-109 (USSR)

ABSTRACT: At the Institute for Acoustics (Akusticheskiy institut) the degree of Candidate of Physical-Mathematical Sciences was applied for by: V. I. Tatarskiy - Micro-inequalities of the temperature field and phenomena of fluctuation in the preparation of waves in the atmosphere (Mikroneodnorodnosti temperaturnogo polya i flyuktuatsionnyye yavleniya pri rasprostraneni voln v atmosfere).
At the Institute for Crystallography (Institut kristallografii) the degree of Doctor of Physical-Mathematical Sciences was applied for by: M. M. Umanskiy - Apparatus and methods of radio-structural investigations (Apparatura i metodika rentgenostrukturnykh issledovaniy).
At the Institute for Atmospheric Physics (Institut fiziki atmosfery) The degree of Doctor of Physical-Mathematical

Card 1/5

Defense of Dissertations (January - July 1957)
Section of Physical-Mathematical Sciences

30-12-32/45

Sciences was applied for by: L. N. Gutman - On the thermal convection due to the vertical instability of the atmosphere (O termicheskoy konveksii, obuslovlennoy vertikal'noy neustoychivost'yu atmosfery), Ye. V. Pyaskovskaya-Fasenkova - Investigation of the dispersion of light in the atmosphere of the earth (Issledovaniye rasseyaniya sveta v zemnoy atmosfere).

At the Institute for Earth Physics: (Institut fiziki Zemli) The degree of Doctor of Technical Sciences was applied for by: Ye. S. Borisevich - Electro-magnetic oscillographs for experimental geophysical research (Magnitoelektricheskiye ostsillografiy dlya eksperimental'nykh geofizicheskikh issledovaniy). The degree of Candidate of Physical-Mathematical Sciences was applied for by: E. I. Parkhomenko - Piezoelectric effect of rock (P'yezoelektricheskiy effekt gornyykh porod). I. I. Rokityanskiy - Caused polarization of ion-conductive rock (Vyzvannaya polyarizatsiya ionnoprovyashchikh porod). V. A. Romanyuk - Determination of the force of gravity on the sea by means of the pendulum method (Opredeleniye sily tyazhesti na more mayatnikovym sposobom).

Card 2/5

Defense of Dissertations (January - July 1957)
Section of Physical-Mathematical Sciences

30-12-32/45

At the Institute for Mathematics imeni V. A. Steklov
(Matematicheskii institut imeni V. A. Steklova) The degree
of Doctor of Physical-Mathematical Sciences was applied for
by: Ye. I. Kim - On a class of singular integral equations
and some tasks of heat conduction for piece-like homo-
geneous media (Ob odnom klasse singulyarnykh integral'nykh
uravneniy i nekotorykh zadachakh teploprovodnosti dlya
kusochnoodnorodnykh sred). The degree of Candidate of
Physical-Mathematical Sciences was applied for by: O. M.
Belotserkovskiy - The flow round the arbitrary symmetric
profile with outgoing shock wave (Obtekanie proizvol'nogo
simmetrichnogo profilya s otoshedshey udarnoy volnoy). K. N.
Vvedenskaya - Application of the method of the end
differences for the construction of generalized solutions
of nonlinear equations (Primeneniye metoda konechnykh
raznostey k postroyeniyu obobshchennykh resheniy nelineynykh
uravneniy). M. S. Galkin - Methods of computing eigen-
oscillations in the case of approximated eigenfrequencies
(Metody rascheta sobstvennykh kolebaniy v sluchaye blizkikh
sobstvennykh chastot). M. M. Lavrent'yev - On Cauchy's

Card 3/5

Defense of Dissertations (January - July 1957)
Section of Physical-Mathematical Sciences

30-12-32/45

problem for elliptical equations (O zadache Koshi dlya ellipticheskikh uravneniy). A. N. Tavkhelidze - Methods of the field theory in the problems with fixed nucleon source (Metody teorii polya v zadachakh s fiksirovannym nuklonnym istochnikom). P. I. Chushkin - Computation of some potential secondary sound flows of gas (Raschet nekotorykh okolozvukovykh potentsial'nykh techeniy gaza). Yu. D. Shmyglevskiy - Variation problem of the gas dynamics of axially-symmetric supersonic flows (Variatsionnaya zadacha gazodinamiki osesimmetrichnykh sverkhzvukovykh techeniy). Yu I. Yanov - On the qual significance and transformation of the scheme of the program (O ravnosil'nosti i preobrazovaniyakh skhem programm).

At the Institute for Physics and Technical Sciences (Fiziko-tekhnicheskiy institut) The degree of Doctor of Physical-Mathematical Sciences was applied for by: A. Ye. Glauberman - Some problems concerning the kinetic theory of the systems of interacting particles (Nekotoryye voprosy kineticheskoy teorii sistem vzaimodeystvuyushchikh chastits). The degree of Candidate of Physical-Mathematical Sciences was applied for by: V. V. Afrosimov - Atomic ionization of

Card 4/5

Defense of Dissertations (January - July 1957)
Section of Physical-Mathematical Sciences

30-12-32/45

inert gases by positive mono-charged ions with an energy of 3 - 180 KeV (Ionizatsiya atomov inertnykh gazov odnozaryadnymi polozhitel'nymi ionami s energiyey 3 - 180 KeV). V. S. Gvozdev - Investigation of nuclear isomers, etry Hf^{180} (Issledovaniye yadernoy izomerii Hf^{180}). K. A. Dalmatova - Beta-longitudinal spectrometer with compensated spherical aberration (Prodol'nyy betaspektrometr s kompensirovannoy sfericheskoy aberratsiyey). B. V. Sokolov - The effect produced by iodine on the electric and photoelectric properties of selenium (Vliyaniye yoda na elektricheskiye i fotoelektricheskiye svoystva selena).

AVAILABLE: Library of Congress

1. Acoustics 2. Crystallography 3. Physics 4. Mathematics

Card 5/5

1ST AND 2ND ORDERS		3RD AND 4TH ORDERS	
PROCESSING AND PROPERTIES INDEX		PROCESSING AND PROPERTIES INDEX	
652. Brightness of the Diurnal Sky and Scattering of Light in the Atmosphere. V. Pechenkov and E. Pionchovskaya. <i>Comptes Rendus de l'Acad. des Sciences, U.S.S.R.</i> 2 p. 129-132, Oct. 21, 1966. In English.—The observations of the illumination of the diurnal sky were made in 1966 and 1969 with a visual photometer arranged for the purpose, and the measured brightnesses were compared at the beginning and end with a gray screen illuminated by the sun and some small portion of the sky around it. It was found that the brightness in every point of the sky may be represented as the product of two functions, one of which depends on the angular distance from the sun and the other on the equivalent thickness of the atmosphere. The representative curve of scattering is highly asymmetrical, being elongated in the direction of the incident ray, and the degree of asymmetry diminishes regularly with increased zenith distance of the sun. The latter may be correlated with the systematic rate of turbidity during the day.		A 53	
652.516 METEOROLOGICAL LITERATURE CLASSIFICATION		652.516	
FROM SYNOBIS		FROM SYNOBIS	
COLLECTIONS		COLLECTIONS	
LIBRARY		LIBRARY	

PYASKOVSKAYA-PESENKOVA, YE. V.

Brightness of the Diurnal Sky and the Coefficient of Atmospheric
Transparency.

Astronomicheskii zhurnal, 1943, v. 20, no. 2, p 34-41. Summary in English.

1734 On a Radio Message on Atmospheric
Transparency Determinations (using Per-
sonal's Simple Formula for the (Photo-
metric) Measurement over a Diurnal Sky).--
L. A. B. (Leningrad), *Trudy* (Leningrad)
Recheny (Zhurnal) de l'Ac. des Sci. de l'URSS,
20th May 1949, Vol. 43, No. 5, pp. 100-101;
in English)

PELKOVSKAYA-FEDENKOVA, YE. V.

Circum-Solar Halo as a Method of Investigation of the Optical Properties
of the Atmosphere.

Astronomicheskii zhurnal, 1945, v. 22, no. 6, p 353-358. Summary in French.

LYUKOVSKAYA-FESENKOVA, YE. V.

Circum-Solar Halo and the Indicatrix of Scattering.
Akademiya Nauk SSSR. Doklady, 1946, v. 51, no. 3, p 187-190.

LYACHOVANIN-RESENKOVA, Ye. V.

New Method of Determination of the Atmospheric Transparency.
Astronomicheskiy zhurnal, 1947, v. 24, no. 2, p 119-127.
Summary in English.

PYASKOVSKAYA-FESENKOVA, Ye. V.

PA 35/49T47

USSR/Geophysics

Aug 48

Atmosphere - Illumination

Light - Dispersion

"Several Rules Concerning the Diffusion of Light in the Atmosphere," Ye. V. Pyaskovskaya-Fesenkova, Inst Astr and Phys, Acad Sci Kazan SSR, Alma Ata, 4 pp

"Dok Ak Nauk SSSR" Vol LXI, No 6

Abstract discussion extends the formula for light dispersed by the atmosphere to a study of the dispersibility of the entire atmosphere. Submitted by Acad V. G. Fesenzkov, 22 Jun 48.

35/49T47

PYASKOVSKAYA-FESENKOVA, Ye. V.

58/49T96

USSR/Physics
Atmosphere
Mutation

May/Jun 49

"Criterion of the Stability of the Optical Properties of the Atmosphere," Ye. V. Pyaskovskaya-Fesenkova, Inst of Astr and Phys, Acad Sci Kazakh SSR, 10 pp

"Astro Zhur" Vol XVI, No 3-4-175-87

Discusses determinations of constant mutation according to observations made through the large zenith telescope at Pulkovo. Two values of constant mutation were obtained from computation of 105 astral pairs. Gives equal importance

58/49T96

USSR/Physics (Contd)

May/Jun 49

to values derived from the same material by different means of computation. Gives four tables of experimental observations.

58/49T96

PA 39/49755

USSR/Cosmophysics

Atmosphere - Illumination
Atmosphere - Visibility

Mar 49

"Brightness of the Sky at Various Heights Above Sea Level," E. T. Pashkov, Ilya-Pashkov, Inst of Astr and Phys, Acad Sci USSR, 4 pp

"Dokl Ak Nauk SSSR" Vol LV, No 2 - pp 115-17

Establishes that values for brightness of sky at various heights, determined at two observation points, have good correspondence. Finds that brightness of sky in the zenith at a height of 20 km is approximately ten times less than at the earth's surface, and that brightness of sky in the zenith is

39/49755

USSR/Cosmophysics (Contd)

Mar 49

daytime is the same as for a moonless night (10-8 stilbs) at a height of about 130 km. Submitted by Acad V. G. Posenkov, 15 Jan 49.

39/49755

PYASKOVSKAYA-FESENKOVA, Ye. V.

PA 164T6

USSR/Astronomy - Scattering, Light
Brightness (of Sky)

Jul/Aug 50

"Special Regions of the Sky Relative to the Scattering of Light," Ye. V. Pyaskovskaya-Fesenkova, Inst of Astr and Phys, Acad Sci Kazakh SSR)

"Astron Zhur" Vol XXVII, No 4, pp 243-249

Discusses relative brightness of the sky as a function of atmosphere mass, according to theory and observations at Alma-Ata in Jul 46 and in South Pri-balkhash Desert in Oct 48 (B vs height H, 0 - 18 m). Also gives absolute brightness at almucantar of sun ($Z = 72.4^\circ$) (B in stilbs vs spherical indicatrix distance, 0 - 150°).

164T6

PA 175T21

PYASKOVSKAYA FESENKOVA, Ye. V.

USSR/Geophysics - Scattering, Light
Sky, Night

11 Jul 50

"Asymmetry in the Atmospheric Indicatrix of Scattering of Light," Ye. V. Pyaskovskaya-Fesenkova, Inst Astr and Phys, Acad Sci Kazakh SSR, Alma-Ata

"Dok Ak Nauk SSSR" Vol LXXIII, No 2, pp 287-290

Tables drawn up from observations of brightness of diurnal sky at different heights in South Kazakhstan show that "elongation" of scattering indicatrix increases "in front" and decreases "in back" with increasing wave length. This confirms well-known intensification of halo around sun with increase in wave length. Submitted by Acad V. G. Fesenkov
18 May 50.

175T21

USSR/Geophysics - Solar Halo

21 Aug 51

"Coriun Solar Halo (Aureole) in Different Rays of the Spectrum," Ye. V. Pyaskovskaya-Fesenkova, Astrophys Inst, Acad Sci Kazakh SSR, Alma-Ata

"Dok Ak Nauk SSSR" Vol LXXIX, No 6, pp 957-960

Since 1949 co-workers T. P. Toropova and N. I. Orzhnikovskaya have been conducting measurements at the mountain observatory of the Astrophys Inst, Acad Sci Kazakh SSR in the vicinity of Alma-Ata (height 1,400 meters), on the illumination on an area perpendicular to the rays from the sun and from the

222139

halo around the sun. For this purpose the aureole photometer designed by V. G. Fesenkov with shutoff light filters was used. Gives graphs of results. Submitted by Acad V. G. Fesenkov 26 Jun 51.

PYASKOVAKAYA-FESENKOVA, YE. V.

222139

PYASKOVSKAYA-FESENKOVA, YE. V.

USSR/Geophysics - Light Scattering 1 Oct 51

"Dependence of the Scattering of Light in the Atmosphere on Wave Length," Ye. V. Pyaskovskaya-Fesenkova, Inst of Astrophys, Acad Sci Kazakh SSR

"Dok Ak Nauk SSSR" Vol LXXX, No 4, pp 595-598

Since 1949 at the Mountain Observatory of the Inst of Astrophys, Acad Sci Kazakh SSR, in the vicinity of Alma-Ata (1,400 m altitude) measurements were conducted of the illumination on a perpendicular area from the sun and separately from the circumsolar corona (aureole) in various parts

222742

of the spectrum with the aid of aureole photometer designed by V. G. Fesenkova and fitted with a Schott filter. A selenium photo-couple served as the receptor. Submitted 2 Aug 51 by Acad V. G. Fesenkova.

222742

PYASKOVSKAYA-FESENKOVA, YE. V.

USSR/Astronomy - Atmospheric Conditions May/Jun 52

"Some Data on Optical Properties of the Atmosphere Under Mountain Conditions," Ye. V. Pyaskovskaya-Fesenkova, Inst of Astrophys, Acad Sci Kazakh SSR

"Astron Zhur" Vol XXIX, No 3, pp 313-325

Author compares atm conditions in South Kazakhstan and in Kislovodsk at an altitude of 2,130 m. She used Fesekov's photometer to measure brightness of daylight for various latitudes of the sky, and presents results in tables and diagrams. Received 21 Jan 52.

217151

PYASKOVSKAYA-FESENKOVA, YE. V.

SSSR/Geophysics - Infrared, Aureole 11 Aug 52

"Circumsolar Aureole in the Infrared Rays of the Spectrum," Ye. V. Pyaskovskaya-Fesenkova, Inst of Astrophys, Acad Sci Kazakh SSR, Alma-Ata

"DAN SSSR" Vol 85, No 5, pp 989-992

Gives the results of expts in 1951-52 by N. I. Ovsinnikova in the mt observ of the Inst of Astrophys, Acad Sci Kazakh SSR, using an aureole photometer designed by V. G. Fesenkov. Namely, gives dependence of photocurrent of photocell on temp of the system

239T86

FESS-2 No 543 (photocell-galvanometer-potentiometer); dependence of light flux from the aureole on atmospheric mass, detd by means of a Se photocell; and the stability of the optical properties of the atm. Submitted by Acad V. G. Fesenkov, 21 Jun 52.

239T86

PYASKOVSKAYA-FESENKOVA, YE. V.

PA 245T32

USSR/Geophysics - Light Scattering 11 Oct 52

"Some Data on Atmospheric Indicatrix of Scattering of Light," Ye. V. Pyaskovskaya-Fesenkova, Inst of Astrophysics, Acad Sci Kazakh SSR

"Dok Ak Nauk SSSR" Vol 86, No 5, pp 921-924

Observational data by authoress showed that average law of atmospheric light scattering remains unchanged for all altitudes of aerosol (cf. "Dok Ak Nauk SSR" 73, 2 (1950)). Curves of indicatrices in village of Ivanovo (150 m) and

245T32

on peak (3,140 m) near Alma-Ata are presented and data tabulated. Submitted by Acad V. G. Fesenkov 13 Aug 52.

245T32